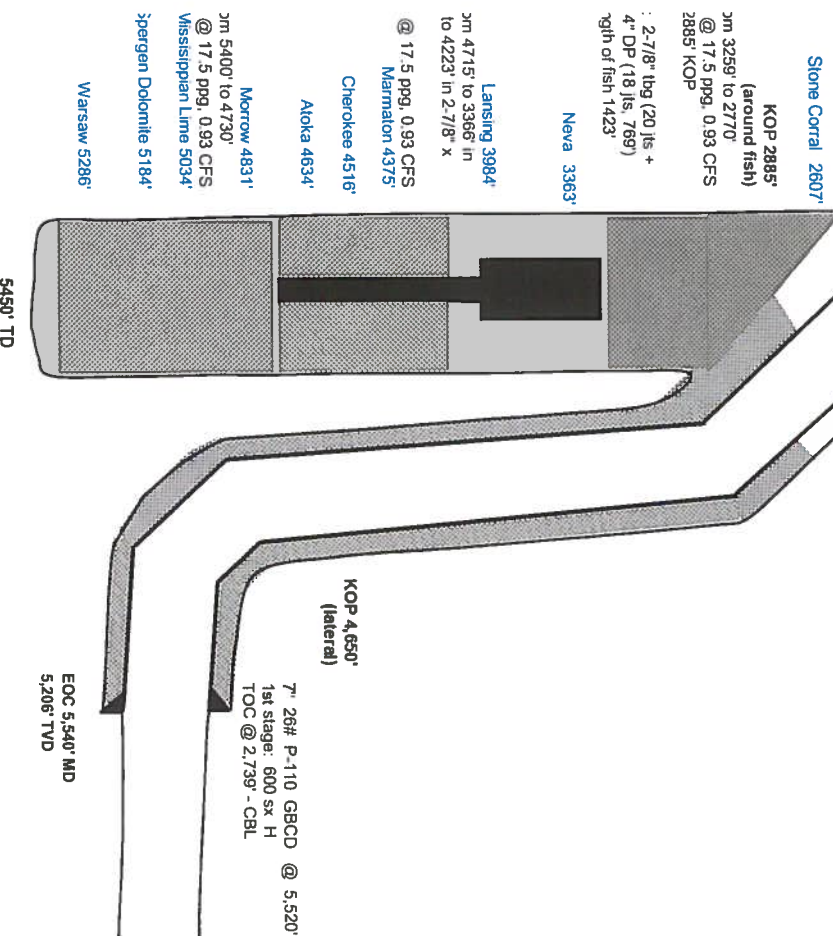


Kern State 36-16-46 #1-H

Well Status		Operator	Chama Oil & Minerals, LLC
Lease	Kern State 36-16-46	Zone	Morrow Spargen
Field	Wildcat	API	05-017-07729-01
Location	600' FNL & 660' FEL Section 36, T-16-S, R-46-W, 6th Chuyenne County, Colorado		
Reference Datum	Actual	PBTD	
RKB-GL		TYD	5450'
GL	4131'	MTD	5450'

Casting Program				
Size - Weight	Grade - Connection	Depth	Hole	TOC
9 5/8" 36#	J-55 LTC @ 507'	340 sx	12 1/4"	CHC
7" 26#	P-110 GBGD @ 5520'	1st: 600 sx 2nd: 400 sx	8 3/4"	2739" - CBL 654" - CBL
Spud Completion	36x13	RR	4 1/4x13	

5520-8971

[illegible]

Warsaw 5286¹

Morrow 4831'
 5m 5400' to 4730'
 @ 17.5 ppq, 0.93 CFS
 Mississippian Lime 5034'
 Spargen Dolomite 5184'

Atoka 4634'

Cherokee 4516'

17.5 ppg, 0.93 CFS
Marmaton 4375'

Lansing 3984'
2m 4715' to 3366' in
to 4223' in 2-7/8" x

Neva 3363'

: 2-7/8" lbg (20 jts +
4" DP (18 jts, 769')
length of fish 1423'

KOP 2885'
(around fish)
3m 3259' to 2770'
@ 17.5 ppq, 0.93 CFS
2885' KOP

Stone Corral 2607'

Stage 1001 @ 1786'
2nd stage: 400 sx Cl H
TOC @ 654' - CBL

8 3/4" hole

12 1/4" hole
9 5/8" 36# J-55 LTC @ 507
w/ 340 sx H
circ cmt

KOP 4,650"
(lateral)

7" 26# P-110 GBCD @ 5,520'
1st stage: 600 sx H
TOC @ 2,739' - CBL

EOC 5,540' MD
5,206' TVD

**EOL 8,971' MD
5,196' TVD**