Form 31	60-4
(August	1999)

UNIT STATES DEPARTMEN. _F THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVEI)
OMB NO. 1004-013	37
nires Nevember 20	20

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120	WEL	WELL COMPLETION OR RECOMPLETION REPORT AND LOG							5.	Lease Se				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG Ma. Type of Well								- 6	If Indian		or Tribe Name			
la. Type	of Well [] Oil Well			Ory	Other					0.	. II Indian,	, Allotee (or tribe Name
b. Тур	of Completion:	\mathbf{x}	New Well	Mork	Over _	Deepen	Plu	g Back		iff.Resvr	7.	Unit or C	CA Agree	ment Name and No.
OCD	L. ARTITALA	Othe	er —————									INDIA	N HILL	S UNIT 70964A
Name	of Operator										8.	Lease Na	ame and V	Vell No.
Marath Addre		oany					3a. Pho	ne No. (include a	rea code	e)			S UNIT #35
	_{ээ} Эсэх 552 <u>Мі</u>	al and	my 70702					800-3			7 9	. API Wel		. SI
Locati	on of Well (Rep	ort location	clearly and in	accordan	ce with Fe	deral requi	rements)*	000 5	<u> </u>	±/	—		5-3219	Exploratory
At surf	ace 1087,	ъм. с . 3	2037' FEL	Secti	on 33	T-21-S	. R-24-	E			10			N UPPER PENN AS
	100,			, 50001	·		,	_			11	Sec., T., Survey o		r Block and
At top p	prod. interval rep	orted belo	w											T-21-S, R-24-1
											12	.County	or Parish	13. State
At total depth 922' FSL & 2348' FEL, SEC. 28									DDY COL		NM			
4. Date	Spudded	15. Date	e T.D. Reache	:d		1	e Completo D & A		Dond	to Prod		. Elevati	ons (DF,	RKB, RT, GL)*
			10.400			⊔'	JAA	X	Keauy	to Prod	l- 	TTD 41	404 - 4	or 41027
	6/02 Donth: MD		12/02	Plug Back	· T D · N	<u> </u>	07.55		20 1	Denth R	ridge Plu		MD	Œ. ~4123 ′
o. 10tal	Depth: MD TVD		75' ^{19.} 55'	, ing Daci		ND VD	8766 <i>′</i> 8453 <i>′</i>		20. 1	ocpui Di	. rage 1 1U	8	TVD	
1. Type	Electric & Othe			Submit co			<u> </u>		22. Wa	s well co	red?	No	T Yes (Submit analysis)
. 71.			Ξ ,			-				ıs DST ru		No	Yes (Submit report
	pectro., Ne				yback 1	Density-	Spectr	alGR	Di	rectional S	_		° [es (Submit copy)
3. Casin	g and Liner Rec	ord (Repor	rt all strings se	t in well)										T
Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom	(MD)	Stage Ceme Depth		No.of Sk Type of C			y Vol. BL)	Cemen	at Top*	Amount Pulled
2.25	9.6 K-55	36	0	183	32			115				SUR	FACE	
8.75	7 K-55	23 & 20	6 0	887	75	2983′		940)			SUR	FACE	CIRC 112 S
								A	CCE	PTED	FOR	RECC	RD	
													1	
24. Tubir	ng Record			•							23 2	002		
								i						
Size	Depth Set	(MD) P	acker Depth (M	D) S	Size	Depth Set	(MD)	Packer D	ep i h (MD) :	Size 🎊	Depjh	Set (MID)	Packer Depth (MD)
Size	Depth Set		acker Depth (M RBP-8391'	~/	Size				ALE	x s c	. SWO	BÔDA		Packer Depth (MD)
3.5				~/	Size	Depth Set			ALE	x s c	. SWO JM ENC	BÓDA SINEER		
3.5	8391				Size	26. Perfora		ord	ALE	x s c	. SWO JM ENC	BÔDA		Perf. Status
3.5 25. Prode	8391 ucing Intervals	,	RBP-8391			26. Perfor	ation Reco	ord erval	ALE	XIS C	. SWO JM ENC	BODA SINEER No. Holes		Perf. Status Squeezed
3.5 25. Prode	8391 ucing Intervals Formation	m	RBP-8391			26. Perfor	ation Reco	ord erval	ALE	XIS C	. SWO JM ENC	BÓDA SINEER		Perf. Status
3.5 25. Prode	8391 ucing Intervals Formation Upper Per	m	RBP-8391			26. Perfor	ation Reco	ord erval	ALE	XIS C	. SWO JM ENC	BODA SINEER No. Holes		Perf. Status Squeezed
3.5 25. Prode 3) 3) 3) (2)	8391 ucing Intervals Formation Upper Per Upper Per	mn m	Top	Bot		26. Perfor	ation Reco	ord erval	ALE	XIS C	. SWO JM ENC	BODA SINEER No. Holes		Perf. Status Squeezed
3.5 25. Prode 3) 3) 3) (2)	8391 ucing Intervals Formation Upper Per Upper Per	mn m	Top	Bot		26. Perfor	ation Reco forated Inte 482-853 314-843	ord crval 30 38	ALE	Size	. SWO JM ENC	BODA SINEER No. Holes		Perf. Status Squeezed
3.5 Produ	8391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval	mn m	Top Top ent Squeeze, 1	Bot	tom	26. Perfora	ation Reco	erval 300 388	ALE PETF	XIS C ROLEU Size	. SWO JM ENC	BODA SINEER No. Holes		Perf. Status Squeezed
3.5 Production (S)	R391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval	mn m	Top Top ent Squeeze, I	Bot Etc.	tom	26. Perfora	ation Reco forated Inte 482-853 314-843	ord strongs,	ALE PETF	Size Material	SWO	BODA SINEER No. Holes 58		Perf. Status Squeezed Open
3.5 Production (S)	8391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval	mn m	Top Top ent Squeeze, I	Bot Etc.	tom	26. Perfora	ation Reco forated Inte 482-853 314-843	ord strongs,	ALE PETF	Size Material	SWO	BODA SINEER No. Holes 58		Perf. Status Squeezed
3.5 Production (S)	R391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval	mn m	Top Top ent Squeeze, I	Bot Etc.	tom	26. Perfora	ation Reco forated Inte 482-853 314-843	ord strongs,	ALE PETF	Size Material	SWO	BODA SINEER No. Holes 58		Perf. Status Squeezed Open
3.5 Production (S)	B391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval 8482-8530 8314-8438	mn mn ment, Cem	Top Top ent Squeeze, I	Bot Etc.	tom	26. Perfora	ation Reco forated Inte 482-853 314-843	ord strongs,	ALE PETF	Size Material	SWO	BODA SINEER No. Holes 58		Perf. Status Squeezed Open
3.5 Produ 3) 3) 2) 2) 27. Acid	B391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval 8482-8530 8314-8438	ment, Cem	Top Top ent Squeeze, I 6000 g Acid f	Bot Bot Barrier Bot	6 CCA a	26. Performance 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	Ar settin	ord strongs,	ALE PETF	Size Material of	SWO	BODA SINEER No. Holes 58		Perf. Status Squeezed Open
3.5 Produ 3.5 Produ 3.0 Produ 27. Acid B. Produ Date First Produced	R391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval 8482-8530 8314-8438 ction - Interval	ment, Cem	Top Top ent Squeeze, I	Bot Bot Strac'd v	Gas MCF	26. Performance Per 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	ation Reco forated Inte 482-853 314-843	ord strongs,	ALE PETF	Material of	SWO	BODA SINEER No. Holes 58	Flushed	Perf. Status Squeezed Open I w/water
3.5 Produ 8. Produ Bate First Produced 8/29/0	B391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval 8482-8530 8314-8438 ction - Interval Test Date 9/3/02	ment, Cem Hours Tested 24	Top Top ent Squeeze, I 6000 g Acid f	Bot	Gas MCF	26. Performance Per 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Ar settir Oil Gravity	ord strongs,	ALE PETF	Material of	SWO	BODA SINEER No. Holes 58	Flushed	Perf. Status Squeezed Open
3.5 25. Produ 3) 3) 3) 27. Acid B. Produ Date First Produced 8/29/C Choke	R391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval 8482-8530 8314-8438 ction - Interval Test Date 9/3/02 Tbg. Press. Flug.	ment, Cem	Top Top ent Squeeze, I 6000 g Acid f	Bot Bot Strac'd v	Gas MCF	26. Performance Per 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Ar setti	ord strongs,	ALE PETF	Material of	SWO JM ENC	STOPA SINEER No. Holes 58 stgs 1	Flushed	Perf. Status Squeezed Open I w/water
3.5 Produ 25. Produ 27. Acid 27. Acid 28. Produ Date First Produced 8/29/C Choke	B391 ucing Intervals Formation Upper Per Upper Per Upper Per Upper Per	ment, Cem Hours Tested 24 Csg. Press.	Test Production	Bot Bot Bot Bot Bot Bot BBL BBL BBL BBL BBL BBL BBL BBL BBL BB	Gas MCF 19	26. Performance Per 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Ar setti: 17% CC	ord Grad G	ALE PETF I Type of 125 gg Gas Grevity Well	Material of	SWO	STOPA SINEER No. Holes 58 stgs 1	Flushed	Perf. Status Squeezed Open d w/water
3.5 Produ 8) Produ 27. Acid Barroduced 8/29/C Choke Size	B391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval 8482-8530 8314-8438 ction - Interval Date 9/3/02 Tog. Press. Flwg. SI 256 uction-Interval I	ment, Cem Hours Tested 24 Csg. Press. 200	Top Control Squeeze, 1 C	Bot	Gas MCF 19 Gas MCF	26. Performance Per 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Ar settir 17% CC	ord Grad G	ALE PETF I Type of L25 gg I in a Gas Grevity Well Status	Material of	SWO JM ENC Dating Production	STOPA SINEER No. Holes 58 stgs 1	Flushed	Perf. Status Squeezed Open I w/water
3.5 25. Produ 3) 3) 3) 4) 27. Acid. 28. Produ Date First Produced 8/29/0 Choke Size 28a. Produ Date First Produced Broduced Produced Date First	R391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval 8482-8530 8314-8438 ction - Interval Test Date 9/3/02 Tbg. Press. Flwg. SI 256 uction-Interval I	ment, Cem Hours Tested 24 Csg. Press. 200 Hours Tested	Test Production	Bot	Gas MCF Gas MCF	26. Performance Per 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Ar setting 17% CC	ard ard arrount and arrount and arrount and arrount and arrount and	ALE PETF I Type of 125 gr I in a Gas Gravity Well Status	Material of	SWO JM ENC Dating Production	STOPA SINEER No. Holes 58 stgs 1	Flushed	Squeezed Open d w/water
3.5 25. Produ A) B) C) C) 27. Acid Date First Produced 8/29/C Choke Size	R391 ucing Intervals Formation Upper Per Upper Per , Fracture, Treat Depth Interval 8482-8530 8314-8438 ction - Interval Test Date 9/3/02 Tbg. Press. Flwg. SI 256 uction-Interval I	ment, Cem Hours Tested 24 Csg. Press. 200 Hours Tested	Test Production Production Test	Bot Bot Bot Bot Bot BBL BBL BBL BBL BBL BBL BBL BBL BBL BB	Gas MCF 19 Gas MCF	26. Performance Reformance Reform	Ar settir 17% CC	ard ard arrount and arrount and arrount and arrount and arrount and	ALE PETF	Material of	SWO JM ENC Dating Production	STOPA SINEER No. Holes 58 stgs 1	Flushed	Perf. Status Squeezed Open i w/water

										
Production	on - Interv	al C								
te First educed	Test Date	Hows Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	
oke e	Tbg. Press Flwg. Sl	Csg. Press.	24 Hr>	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
c. Product	ion-Interva	al D		L	1	1			· · · · · · · · · · · · · · · · · · ·	1
te First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	
oke se	Tbg. Press Flwg. SI	s. Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	5	
Dispositi	ion of Gas (S	Sold,used for	fuel, vented, et	c.)	Solo	1	-· t			
. Summa	ry of Poro	us Zones (Inc	ude Aquifers):					31. Form	ation (Log) Markers	
tests, i	all important neluding of es and reco	depth interval	orosity and co tested, cushi	ntents the	ereof: Cor time too	ed interval l open, i	als and all drill-stem flowing and shut-in			
Forma	tion	Тор	Bottom		Descri	ptions, Co	ontents, etc.		Name	Тор
								QUEEN		Meas.Depth
isco	isco 8131		8280		Dolamite, Limestone, Dolamite Microcrystalline Porosity Vugular & Fractured Dolamite				ORES	436' 1209'
Canyon 8292									DALES DA	2823'
		8292	8600						 -	3007'
	0232								PRING LIME	5570'
								TUBB		7170′
								ABO		7460′
		i						WOLFCA	MP	7467
								CISCO		8131′
								CANYON		8292'
						•				
2. Additi	Prod	uction	agging procedu fron ater	~ 8/	29/02 ntac	2 +1 L+	hru 9/3/ only	102 h)asatest	of the
3 Circle		ittachments:	1 full set req'd)	. 2	. Geologic	Report	3. DST Report	4.Direction	nal Survey	
		-	and cement ver		_	•	7. Other	\bigcirc	•	
Lice	dry Notice				tion is con	nplete and	correct as determine	ed from all ava	ilable records (see attached i	nstructions)*
S Sun	·	hat the forego	ing and attache	ed informa						
o. Sun	·	_	ing and attache	ed informa			Tit	le Engin	eer Technician	
5. Sun 4. 1 here	by certify t	nt) <u>Girmy</u>	Larke	ed informa		1/2	Tit	ile <u>Engin</u>	er Technician	,
o. Sun	by certify t	nt) <u>Girmy</u>		ed informa	ack	be	Tit			
5. Sun 4. 1 here	by certify t	nt) <u>Girmy</u>	Larke	ed informa	ack	be.				